

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Hans Carlsson

Serial No.: **09/828,864**

Filed: **April 10, 2001**

For: **Wireless Network Architecture for GPRS
Over 30kHz Channels**

Docket No: **4015-5117**

PATENT PENDING

Examiner: Chuong T. Ho

Group Art Unit: 2616

Confirmation No.:6952

Mail Stop Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

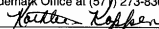
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

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July 18, 2007

Date


Kathleen Keppen

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PETITION TO WITHDRAW HOLDING OF ABANDONMENT

The application was held to be abandoned for failure of Applicant to respond to the non-final Office Action mailed on November 2, 2006. However, Applicant did respond to that Office Action on February 1, 2007. A copy of the response is attached as Exhibit 1. An Electronic Acknowledgement Receipt, attached as Exhibit 2, indicates receipt of the response by the PTO. The Patent Office apparently failed to match the Response with the Office Action and forward it to the Examiner.

It is respectfully requested that the Notice of Abandonment be withdrawn and the application be forwarded to the Examiner for further review.

No fees should be required for entry of this response. However, if any fees or charges are required, the Commissioner is hereby authorized to charge them to Deposit Account 18-1167.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

A handwritten signature in black ink, appearing to read "David E. Bennett", is written over a horizontal line.

David E. Bennett
Registration No.: 32,194

Dated: July 18, 2007

1400 Crescent Green, Suite 300
Cary, NC 27518
Telephone: (919) 854-1844
Facsimile: (919) 854-2084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Patrik Lundqvist

Serial No.: **09/828,864**

Filed: **April 10, 2001**

For: **Wireless Network Architecture for GPRS
Over 30kHz Channels**

Docket No: **4015-5117**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT PENDING

Examiner: Chuong T. Ho

Group Art Unit: 2616

Confirmation No.: 6952

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

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- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

February 1, 2007

Date

Kathleen Köpper
Kathleen Köpper

This correspondence is being:

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RESPONSE TO OFFICE ACTION MAILED NOVEMBER 2, 2006

Sir:

Applicants submit the following response in reply to the Office Action mailed November 2, 2006. Applicants respectfully request reconsideration and allowance of all pending claims in light of the following remarks. No fees or charges should be due for entry of this response. However, if any fees are due for entry of this response, the Commissioner is authorized to charge them to Deposit Account 18-1167.

REMARKS

Claim 47 is directed to an interworking function (IWF) that interconnects a conventional TIA/EIA-136 circuit-switched network and a GPRS packet data network. Claim 47 recites that the IWF permits packet data to be routed between the GPRS network and transmitted to the mobile station over a conventional circuit-switched channel. Thus, claim 47 delivers messages from the GPRS network to the mobile station operating in the TIA/EIA-136 network. Carlsson does not disclose this aspect of claim 47. The claimed IWF allows service providers to provide packet data services in areas where there is a demand for such packet services, but not a high enough demand to warrant the investment in a packet data infrastructure. Thus, with the claimed invention, the service providers can use their existing circuit-switched infrastructures to deliver packet data.

The Examiner rejected claim 47 under §102 as being anticipated by Carlsson. Carlsson discloses an IWF between a circuit-switched network and a packet-switched network for delivering broadcast teleservice messages to a mobile terminal in the packet-switched network. The IWF in Carlsson serves a different purpose than the IWF in the claimed invention. Particularly, the Carlsson IWF functions provides a means of routing broadcast teleservice messages from a broadcast center to a mobile terminal operating in a packet-switched network. *Carlsson*, col. 6, ll. 50-52. In contrast, the purpose of the IWF in the present invention is to deliver packet data to a mobile terminal while the mobile terminal is operating within the circuit-switched network.

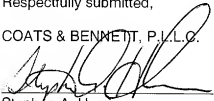
Claim 47 recites that the function of the IWF is to enable “packet data traffic to be routed between said GPRS network and said mobile station operating in said TIA/EIA-136 network.” The Carlsson IWF does not route packet data to a mobile station in a circuit-switched network as claimed. Accordingly, Carlsson does not anticipate claim 47..

The Examiner also rejected claim 51 under §102 as being anticipated by Carlsson citing reasons similar to those stated above. Claim 51, however, is the method claim that corresponds to claim 47 and includes similar limitations. Accordingly, for reasons similar to those stated above, Carlsson fails to anticipate claim 51.

In light of the foregoing remarks, Carlsson fails to anticipate any of the claims under §102. Therefore, Applicants request the Examiner withdraw all rejections and allow all pending claims.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.



Stephen A. Herrera
Registration No.: 47,642

Dated: February 1, 2007

P.O. Box 5
Raleigh, NC 27602
Telephone: (919) 854-1844
Facsimile: (919) 854-2084

Electronic Acknowledgement Receipt

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Confirmation Number:	6952
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First Named Inventor/Applicant Name:	Hans Carlsson
Customer Number:	24112
Filer:	Stephen A. Herrera/Kathleen Koppen
Filer Authorized By:	Stephen A. Herrera
Attorney Docket Number:	P12545-US1-BMOA
Receipt Date:	01-FEB-2007
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Applicant Arguments/Remarks Made in an Amendment	20070201-082318-kk-4015-5117-response.pdf	125861	no	3

Warnings:

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.